

SUBMITTAL RECORD

JOB _____
LOCATION _____
SUBMITTED TO _____
SUBMITTAL PREPARED BY _____
APPROVED BY _____
DATE _____



Submittal Form
FDD-MB-3V
Dynamic Fire Damper
U.L. 555S Classified /
1-1/2 Hours & 3 Hours



Notes: Dampers are furnished approximately 1/4" smaller than given dimensions. Not recommend with blades running vertically.

Standard Construction:

Frame: Roll-formed galvanized steel hat-section with staked corners and integral bracing

Blades: 16ga (3V) Roll-formed galvanized steel

Minimum width: 4.250"

Maximum width: 7.250"

Bearings: Bronze Oilite, press-fit into frame

Axles: Square, plated steel

Linkage: Concealed in frame. Linkage bars are .125" thick plated steel

Heat Responsive Devices: Fusible links - 165°F and 212°F
Snap discs - 212°F and 350°F

Finish: Mill galvanized

Spring: Stainless steel

Sizes: Minimum size: 6" W x 6" H

Maximum UL Listed size:

Single section: 36" W x 48" H

Multiple assembly:

1 1/2 Hour Vertical: 108" W x 96" H

1 1/2 Hour Horizontal: 72" W x 96" H

Options:

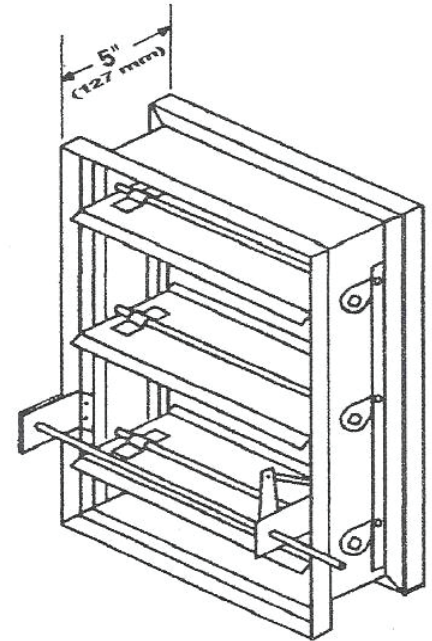
- Factory Supplied Sleeve 18-16-14-10 Gauge Sleeve Length (Required) 16" Minimum
- 3 Hour Rating
- Manual Locking Quadrant
- Round Transitions (FDD-MB-3V-RD*1)
- Fusible Link 212°F

Features:

- The FDD-MB-3V series Fire Dampers have been designed and tested to exceed all U.L., U.L.C. and N.F.P.A. requirements for fire dampers.
- The FDD-MB-3V damper's rigid frame and integrally braced corners provide true damper alignment that generally resists being installed out of square or out of flat. This insures on site performance equal to test results.

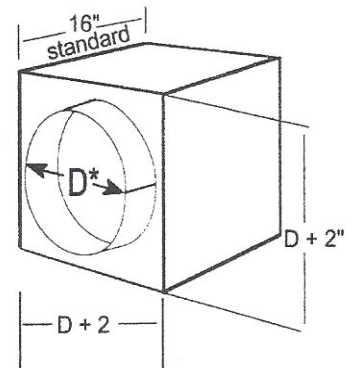
Note:

When damper is to be used as a fire damper, that is without motor operator, then the actuator shaft must be fitted with a locking device (e.g. a locking quadrant) to prevent the damper from inadvertently closing.



Accepted for use
City of New York
Department of Buildings
MEA#: 302-00-M

Approved by the Board of
Standards and Appeals for use
in New York City
Cal. 291-80-SA



*D = Duct Size Minus 1/4"
*1 = 16" - 20 ga. Sleeve required for FDD-MB-3V-RD

SUGGESTED SPECIFICATIONS

Dynamic Fire Damper shall be Duro Dyne FDD-MB-3V type dampers. Fire Dampers shall be spring loaded for positive closure against airflow and shall bear the Underwriters Laboratories Label.

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